

**A B S T R A C T**

5

**Title: DIAGNOSTIC METHOD**

10 This invention relates to novel sequence and polymorphisms in the human flt-1 gene. Eight specific polymorphisms are identified. The invention also relates to methods and materials for analysing allelic variation in the flt-1 gene and to the use of flt-1 polymorphism in the diagnosis and treatment of angiogenic diseases and cancer. Diseases associated with pathological angiogenesis include diabetic retinopathies, psoriasis, rheumatoid arthritis and endometriosis.